



MATERIAL SAFETY DATA SHEET

Radiator Specialty Company

1400 W. INDEPENDENCE BLVD. • CHARLOTTE, N.C. 28208 • 704-377-6555

Light Rec 8/86 M48 (spray)

SECTION I GENERAL INFORMATION

PRODUCT NAME CARB-MEDIC CARBURETOR, CHOKE & VALVE CLEANER (AEROSOL)	
PART NUMBERS M48-14, -24	
CHEMICAL DESCRIPTION Organic Solvents	FORMULA*

SECTION II HAZARDOUS COMPONENTS

CAS NUMBER	COMPONENT	%	TLV
108-88-3	Toluol	40-60	100 ppm
67-56-1	Methanol	20-30	200 ppm
75-09-2	Methylene Chloride	20-30	100 ppm
	(Hydrocarbon propellant in aerosol package)		

* Components not identified are non-hazardous according to 29 CFR 1910.1200

SECTION III PHYSICAL DATA

BOILING POINT ~ 105 °F (concentrate)	SPECIFIC GRAVITY (H ₂ O=1) > 1.0	pH Neutral
FLASH POINT > 54 °F (concentrate)	VOLATILE BY WT. 100 %	EVAPORATION RATE NA
SOLUBILITY IN WATER Partly Soluble		SOLUBILITY IN SOLVENTS petroleum, chlorinated
APPEARANCE AND ODOR Colorless liquid with characteristic odor.		

SECTION IV FIRE AND EXPLOSION DATA

EXTINGUISHING MEDIA Water Fog ____ Foam <input checked="" type="checkbox"/> CO ₂ <input checked="" type="checkbox"/> Dry Chemical <input checked="" type="checkbox"/> Other ____
SPECIAL FIRE FIGHTING PROCEDURES Wear self-contained, positive pressure breathing apparatus and protective clothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS Contents under pressure. At elevated temperatures containers may burst, even violently. Phosgene and hydrochloric acid may be liberated from decomposition

SECTION V REACTIVITY INFORMATION (Based on data for individual components)

STABLE <input checked="" type="checkbox"/> UNSTABLE ____	HAZARDOUS POLYMERIZATION? YES ____ NO <input checked="" type="checkbox"/>	CORROSIVE? NO
MATERIALS TO AVOID Avoid oxidizing agents.		
CONDITIONS TO AVOID Avoid temperatures above 120°F		
HAZARDOUS DECOMPOSITION PRODUCTS Fire: Carbon monoxide, PHOSGENE, HYDROCHLORIC ACID.		

EMERGENCY TELEPHONE NUMBER
704-377-6555

Shoemaker - Office

SECTION VI HEALTH HAZARD INFORMATION (Based on data for individual components)

M48
(spray)

RECOMMENDED TLV OF PRODUCT	115 ppm (Calculated)
EYE	Severe irritant. Can cause permanent damage.
SKIN	Skin absorbed. Liver or kidney damage on prolonged exposure.
INHALATION	Vapor harmful. Excessive inhalation may cause irritation of respiratory passages, headache, nausea, narcosis.
INGESTION	Harmful or fatal if swallowed. May cause stomach irritation, nausea, vomiting, blindness, liver and kidney damage, even death.
OTHER	Extremely Flammable (Propellant)

SECTION VII EMERGENCY AND FIRST AID PROCEDURES (Based on data for individual components)

EYE CONTACT	Flush eye with water for 15 minutes. (Lifting upper and lower eyelids) Consult physician immediately.
SKIN CONTACT	Wash with soap and water. Remove contaminated clothing immediately and wash before re-use.
INHALATION	Move to fresh air. If adverse symptoms persist, consult physician immediately.
INGESTION	If swallowed, DO NOT INDUCE VOMITING. Consult physician immediately.

SECTION VIII SPECIAL PROTECTION INFORMATION (Based on data for individual components)

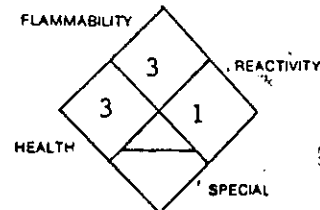
	CONSUMER USE	BULK HANDLING (PROLONGED EXPOSURE)
RESPIRATORY PROTECTION	NA	If TLV is exceeded, wear NIOSH respirator.
VENTILATION	Use with adequate ventilation.	Local
EYE PROTECTION	NA	Fully protective goggles or face shield.
PROTECTIVE CLOTHING	NA	Buna N Gloves and Apron

SECTION IX SPILL OR LEAK PROCEDURES

SPILL OR LEAK PROCEDURES	Wipe up with rags	Observing health hazards described above, remove ignition sources, ventilate area. Confine spill and transfer to waste drum.
WASTE DISPOSAL METHODS Dispose of in accordance with all applicable government laws and regulations.		

SECTION X SPECIAL PRECAUTIONS WEARING CONTACT LENSES IS INADVISABLE.

STORAGE AND HANDLING PRECAUTIONS	HAZARD INFORMATION LABEL DATA
Store at temperature below 120°F. away from sparks, flames, and oxidizing agents.	
OTHER PRECAUTIONS	HAZARD CODE 4=Extreme 3=High 2=Moderate 1=Slight 0=Negligible
Do not puncture or incinerate aerosol containers. KEEP AWAY FROM CHILDREN.	



While Radiator Specialty Company believes this data is accurate as of the revision date, we make no warranty with respect to the data and we expressly disclaim all liability for reliance thereon. The data is offered solely for your information, investigation, and verification.

REVISED: September, 1985 KCE/sd